



10/501280

P/GB 2003 / 0 0 0 0 3 6



INVESTOR IN PEOPLE

09 JUL 2004

The Patent Office  
Concept House  
Cardiff Road  
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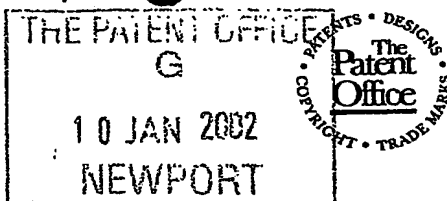
Signed

*Alan Gentry*

Dated

19 February 2003

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10JAN02 E686886-1 C80842  
P01/7700 0.00-0200491.9

# Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form)

The Patent Office

Cardiff Road  
Newport  
South Wales  
NP10 8QQ

1. Your reference

ROLL PALLET

2. Patent application number

(The Patent Office will fill in this part)

10 JAN 2002

0200491.9

3. Full name, address and postcode of the or of each applicant (underline all surnames)

0830196 2001

Patents ADP number (if you know it)

If the applicant is a corporate body, give the country/state of its incorporation

THE PLASTIC CORE COMPANY LIMITED  
DRAKES INDUSTRIAL ESTATE  
SHAY LANE  
HALIFAX  
W. YORKS  
HX3 6RL

UNITED KINGDOM

4. Title of the invention

ROLL PALLET

5. Name of your agent (if you have one)

"Address for service" in the United Kingdom  
to which all correspondence should be sent  
(including the postcode)

Patents ADP number (if you know it)

6. If you are declaring priority from one or more earlier patent applications, give the country and the date of filing of the or of each of these earlier applications and (if you know it) the or each application number

Country

Priority application number  
(if you know it)

Date of filing  
(day / month / year)

7. If this application is divided or otherwise derived from an earlier UK application, give the number and the filing date of the earlier application

Number of earlier application

Date of filing  
(day / month / year)

8. Is a statement of inventorship and of right to grant of a patent required in support of this request? (Answer 'Yes' if:

- a) any applicant named in part 3 is not an inventor, or
- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body. YES

See note (d))

**Patents Form 1/77**

9. Enter the number of sheets for any of the following items you are filing with this form. Do not count copies of the same document

Continuation sheets of this form ☒

Description 1

Claim(s) 1

Abstract 1

Drawing(s) 3+3 *ll*

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (*Patents Form 7/77*)

Request for preliminary examination and search (*Patents Form 9/77*)

Request for substantive examination (*Patents Form 10/77*)

Any other documents  
(*please specify*)

11.

I/We request the grant of a patent on the basis of this application.

Signature



Date

08.01.02

12. Name and daytime telephone number of person to contact in the United Kingdom

RYAN WILBY

01422 33 11 33

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## Roll Pallet Patent Application

This innovation relates to a product for palletising rolls.

Many industries produce rolls of their product, from paper and plastic to steel. These rolls need a product (usually a pallet) to assist the handling, storage and transportation.

The object of this invention is to provide a method of palletising rolls without the need for strapping. The innovation allows the rolls to be handled by the various derivatives of forklift and pallet trucks. The design enables rolls to be stored in racking and can be used for transporting and shipping of the rolls.

Accordingly, this invention provides a roll pallet constructed from interlocking extruded plastic sections that incorporates a method of chocking the roll in place, preferably with the integral chocks, but it may instead be with a saddle.

An additional chock which is removable will prevent the roll from over shooting the incorporated chock during loading.

Preferably the sections are extruded from plastic material, but it may instead be made from wood, metal or indeed a combination of any of these materials.

The preferred embodiment of the invention will now be described with reference to the accompanying drawing in which:

**Figure 1** shows in an isometric projection of the whole invention.

**Figure 2** shows an orthographic projection of the whole invention.

**Figure 3** shows a perspective view of the whole invention holding a roll and using the secondary chock.

As shown in Figure 1 the invention is made up of extruded sections that interlock to make a pallet. The pallet comprises of the main runners 1 with recesses cut to locate the centre cross members 2 and the chock cross members 3. These cross members 2 & 3 have holes which allow the internal sections 4 to interlock and secure everything firmly in place.

The chock cross members 3 are raised from the main body in order to function as chocks to stop the roll from moving. The arrangement of the sections will allow variations in roll size to be catered for and the height of the protruding "chock" can be set to various heights during manufacture to provide varying levels of resistance to movement.

**-2-  
Claims**

1. A product that will allow the handling, storage and transportation of rolls by providing a base to which it is secured.
2. A product as claimed in claim 1 wherein the components interlock (pass through each other) to provide the method of fastening.
3. A product as claimed in claim 1 and claim 2 wherein the roll is secured with chocks.
4. A product as claimed in claim 1, claim 2 and claim 3 wherein the chocks are provided by cross members in the construction of the pallet.
5. A product as claimed in any previous claim wherein the position and height of the chocks can be varied during construction to accommodate various roll sizes and weights.
6. A product as claimed in any previous claim wherein an additional chock can be used in operation to aid loading/unloading.
7. A pallet substantially as herein described above and illustrated in the accompanying drawings.

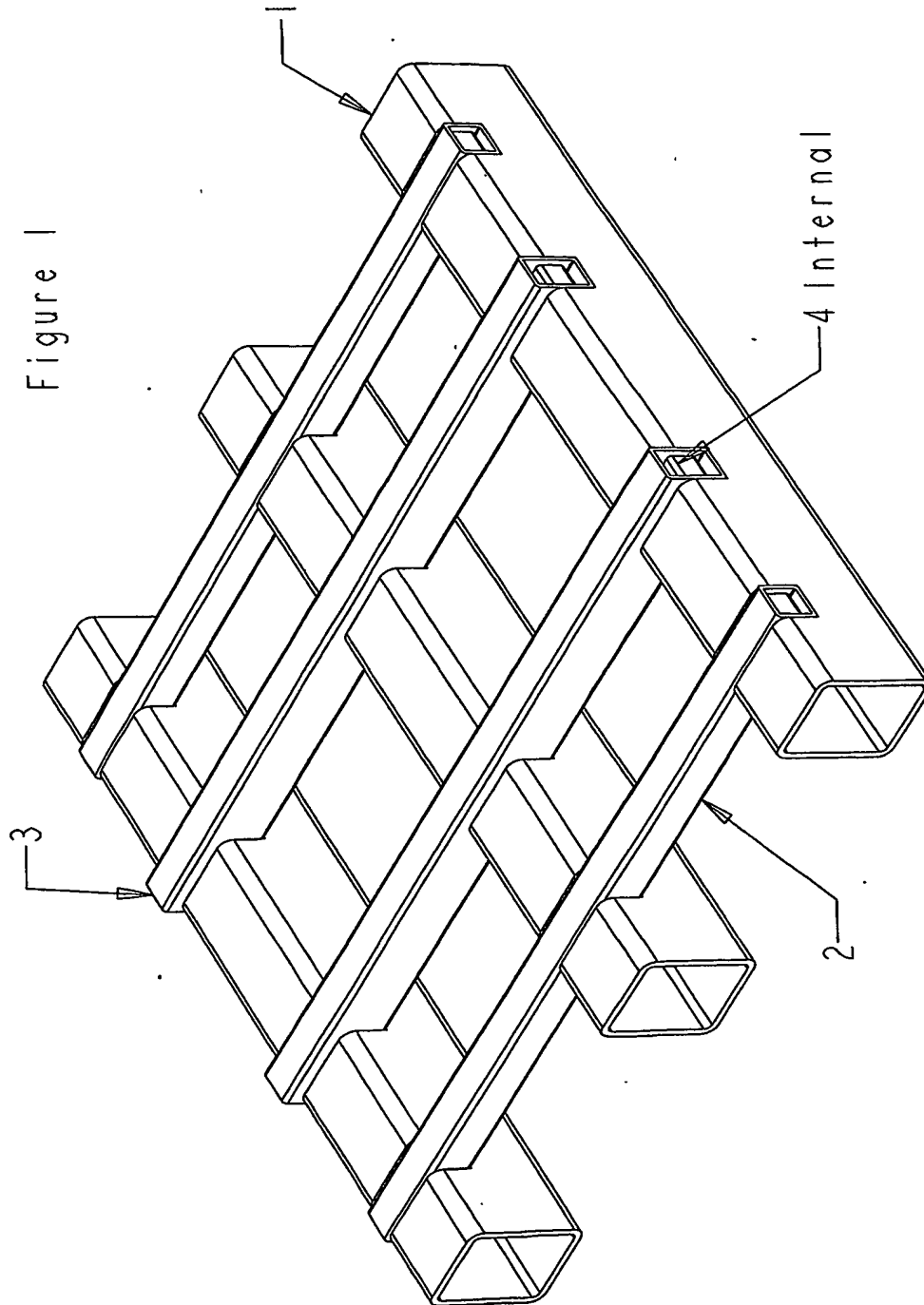
**Abstract**

**Roll Pallet**

A product for the handling, storage and transportation of rolls that contains all the elements of: base runners 1, cross members 2, centre chock cross members 3 and internal members 4, all of which interlock to provide a base onto which a roll can be placed securely. The pallet may include an additional chock to aid loading/unloading.

(Figure 3 to accompany abstract.)

Figure 1



*Drawing 2/3*

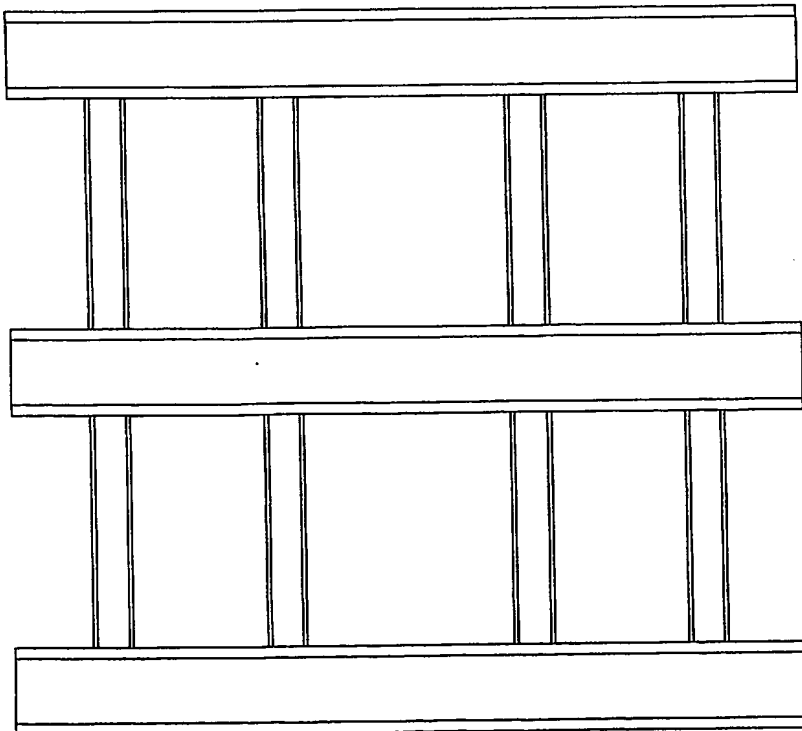
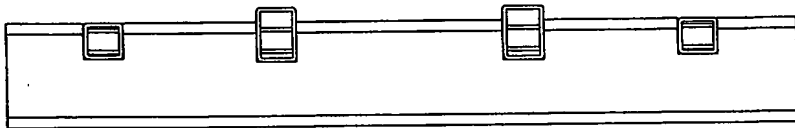
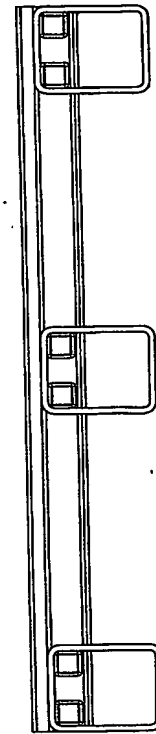
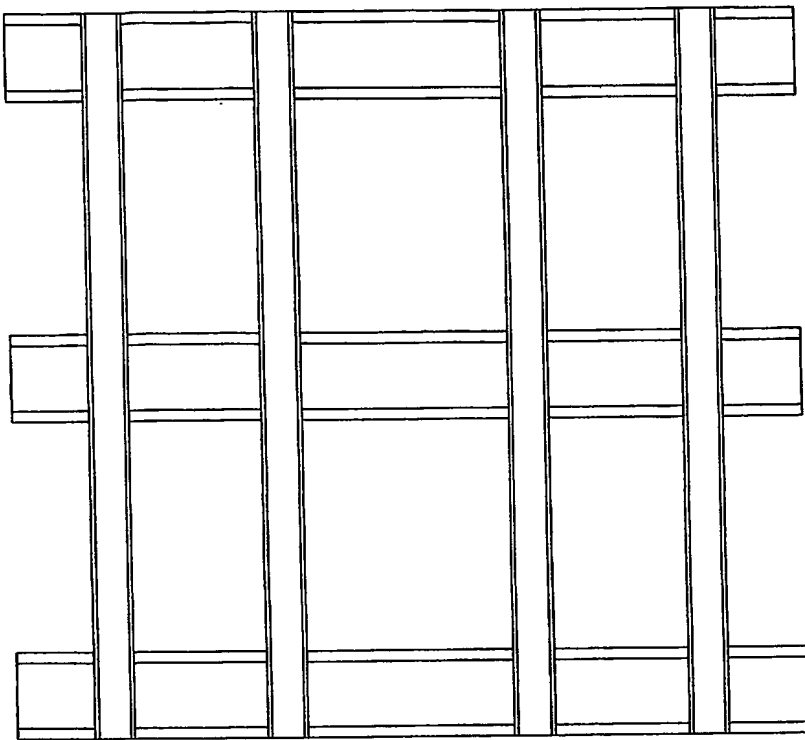
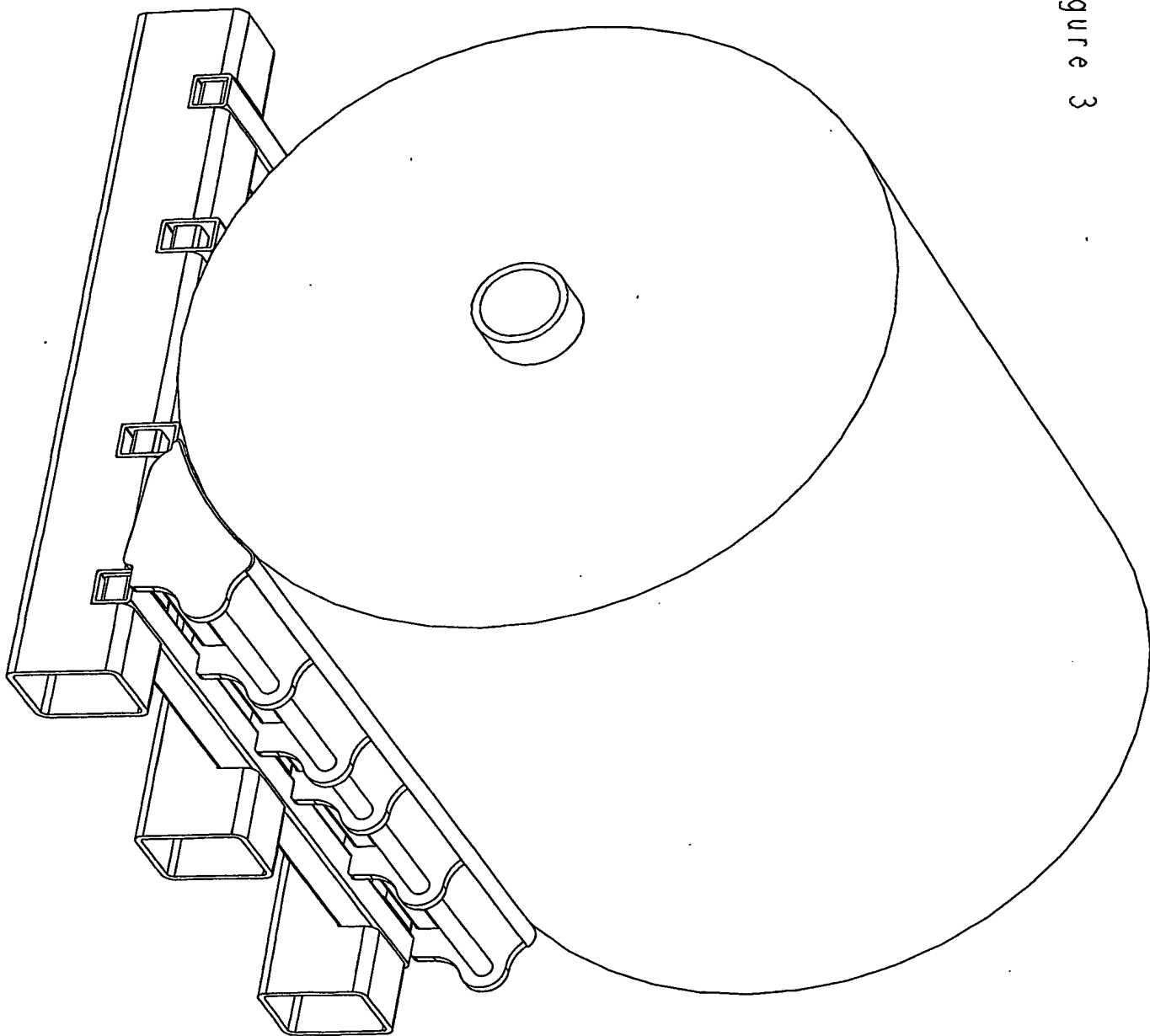


Figure 2

Orthographic  
Projection



Figure 3



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